EXHIBIT E

All messages from thread

From: Andreas Lachenmann (andreasl@lachenmann-net.de)
Subject: Add toolbar to IE4-taskbar
Newsgroups: comp.os.ms-windows.programmer.win32
Date: 1999/01/26

Message 1 in thread

View this article only

```
Hello,
how can I add my own toolbar (like the adress bar) to the IE4-taskbar?
I know that the taskbar is a "rebar", but I don't know how to add my
own bar.

Thanks for any help

Andreas Lachenmann
```

From: Matthew Ellis (m.t.ellis@swansea.ac.uk)
Subject: Re: Add toolbar to IE4-taskbar
Newsgroups: comp.os.ms-windows.programmer.win32
Date: 1999/01/27

Message 2 in thread

View this article only

```
Andreas Lachenmann <andreasl@lachenmann-net.de> wrote in message
news:36ae2a57.3471779@news.uni-stuttgart.de...
>Hello,
>how can I add my own toolbar (like the adress bar) to the IE4-taskbar?
>I know that the taskbar is a "rebar", but I don't know how to add my
>own bar.

Check  out the documentation for IDeskBand

Matthew Ellis
m.t.ellis@swansea.ac.uk
```

All messages from thread

From: Raghavendra K. S. (raghu.k@siri.co.in)   Message 1 in thread
Subject: Adding Toolbar (Plugin) in Netscape Communicator
Newsgroups: netscape.devs-plugins, netscape.devs-client-technical
Date: 2000/05/18   View this article only

Hello All,

I have a requirement to add a toolbar as a plugin (or any other method)
to the Netscape Navigator.

This is very similar to the Yahoo Companion which adds a Toolbar to the
browser.

Rephrasing the question, i need to know how the Yahoo Companion was
developed for netscape.
You can checkout the yahoo Companion from www.yahoo.com or
download/install from
http://edit.yahoo.com/config/download_companion

I appreciate any kind of help, links to examples, documentation etc.

Thanks a lot in Advance
-Raghu

From: Raghavendra K. S. (raghu.k@siri.co.in)   Message 2 in thread
Subject: Re: Adding Toolbar (Plugin) in Netscape Communicator
Newsgroups: netscape.devs-plugins, netscape.devs-client-technical,
netscape.client.customization   View this article only
Date: 2000/05/24

Hello All,

I haven't got any replies to this mail. I hope the question is clear.
It is .....How do I add a Custom Browser Toolbar to Netscape Navigator
Programmatically?

Any Netscape Developers Reading this .... . I searched the
developer.netscape.com site fully.
Is there any other links to netscape client development

I found out how to add a toolbar for IE.
I am not sure whether i can use the active Component in netscape.

Thanks again in advance
-Raghu

"Raghavendra K. S." wrote:

> Hello All,
>
> I have a requirement to add a toolbar as a plugin (or any other method)
> to the Netscape Navigator.
>
> This is very similar to the Yahoo Companion which adds a Toolbar to the
> browser.

> Rephrasing the question, i need to know how the Yahoo Companion was
> developed for netscape.
> You can checkout the yahoo Companion from www.yahoo.com or
> download/install from
> http://edit.yahoo.com/config/download companion
>
> I appreciate any kind of help, links to examples, documentation etc.
>
> Thanks a lot in Advance
> -Raghu

From: Alex Cohn (alexcohn@netvision.net.il)
Subject: Re: Adding Toolbar (Plugin) in Netscape Communicator
Newsgroups: netscape.devs-plugins, netscape.devs-client-technical,
netscape.client.customization
Date: 2000/05/24

Message 3 in thread

View this article only

You can find some discussion on toolbars in the netscape.devs-plugins forum.
I think that nobody answered your posting because nobody knows a decent
answer even though the topic has been dicussed here more than once. Feeling
almost useless,

Alex

"Raghavendra K. S." wrote:

> Hello All,
>
> I haven't got any replies to this mail. I hope the question is clear.
> It is .....How do I add a Custom Browser Toolbar to Netscape Navigator
> Programmatically?
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> Any Netscape Developers Reading this .... . I searched the
> developer.netscape.com site fully.
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> I found out how to add a toolbar for IE.
> I am not sure whether i can use the active Component in netscape.
>
> Thanks again in advance
> -Raghu
>
> "Raghavendra K. S." wrote:
>
> > Hello All,
> >
> > I have a requirement to add a toolbar as a plugin (or any other method)
> > to the Netscape Navigator.
> >
> > This is very similar to the Yahoo Companion which adds a Toolbar to the
> > browser.
> >
> > Rephrasing the question, i need to know how the Yahoo Companion was
> > developed for netscape.
> > You can checkout the yahoo Companion from www.yahoo.com or
> > download/install from
> > http://edit.yahoo.com/config/download companion

> >
> > I appreciate any kind of help, links to examples, documentation etc.
> >
> > Thanks a lot in Advance
> > -Raghu

From: Shahram Javey (sjavey@adobe.com)   Message 4 in thread
Subject: Re: Adding Toolbar (Plugin) in Netscape Communicator
Newsgroups: netscape.devs-plugins
Date: 2000/05/27   View this article only

Looks like Yahoo Companion (YC) is doing some Windows programming tricks to
achieve the toolbar effect. This is I think how they have done it. Upon
Netscape start, YC is initialized. YC then gets the Window handle to
Netscape Window, creates a new window using MFC or what have you and adds a
menubar and a toolbar. The original window is still there (just hidden). You
can get the original Window by going to the Task Manager (on NT) and use the
popup menu and issue Maximize. You'll see the hidden Window.

So you might ask, do you really want to do all of this stuff just to add a
menu bar and a toolbar? Netscape plug-in architecture does not cater to
developer extending the browser in the same way as IE does (only on Windows,
unfortunately). Even if you get all of this to work on one version of the
browser on one version of the platform, there is no guarantee that it will
work for Netscape 6. (BTW whatever happened to Netscape 5?)

You may want to redesign your system so that it does not require this
feature.

sj

"Alex Cohn" <alexcohn@netvision.net.il> wrote in message
news:392BED81.FB9CBCBB@netvision.net.il...
> You can find some discussion on toolbars in the netscape.devs-plugins forum.
> I think that nobody answered your posting because nobody knows a decent
> answer even though the topic has been dicussed here more than once. Feeling
> almost useless,
>
> Alex
>
> "Raghavendra K. S." wrote:
>
> > Hello All,
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> > I haven't got any replies to this mail. I hope the question is clear.
> > It is .....How do I add a Custom Browser Toolbar to Netscape Navigator
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> > developer.netscape.com site fully.
> > Is there any other links to netscape client development
> >   ,
> > I found out how to add a toolbar for IE.
> > I am not sure whether i can use the active Component in netscape.
> >
> > Thanks again in advance
> > -Raghu

Read the rest of this message... *(27 more lines)*

From: Ferrex (ferrex@k1ng.nu)   Message 5 in thread
Subject: Re: Adding Toolbar (Plugin) in Netscape Communicator
Newsgroups: netscape.devs-plugins, netscape.devs-client-technical
Date: 2000/05/26   View this article only

```
yes thats excactly what i need ..
never found any documentation about this shite ..
the documentation within the SDK from netscape is ..erm ..not really
helpfull


Raghavendra K. S. <raghu.k@siri.co.in> schrieb in im Newsbeitrag:
39238A27.C1BB99A8@siri.co.in...
> Hello All,
>
> I have a requirement to add a toolbar as a plugin (or any other method)
> to the Netscape Navigator.
>
> This is very similar to the Yahoo Companion which adds a Toolbar to the
> browser.
>
> Rephrasing the question, i need to know how the Yahoo Companion was
> developed for netscape.
> You can checkout the yahoo Companion from www.yahoo.com or
> download/install from
> http://edit.yahoo.com/config/download_companion
>
> I appreciate any kind of help, links to examples, documentation etc.
>
> Thanks a lot in Advance
> -Raghu
>
```

All messages from thread

From: Brian Utt (b_utt@yahoo.com)   Message 1 in thread
Subject: Custom Toolbar for Netscape Browser
Newsgroups: netscape.public.mozilla.general
Date: 2001-05-15 08:33:24 PST   View this article only

```
I am attempting to write an application that sets up a custom toolbar
for
the netscape browser (in much the same way that google and yahoo have
done).
Is there an API that I can work with in order to find out how to start?
Or
does anyone have any idea as to how I can find out more information on
working with the Netscape brower (Navigator and/or Communicator).   I am
sorry to bother this newsgroup, it's just that I haven't found any help
anywhere else.

Thanks!

-Brian Utt
```

From: Gervase Markham (gervase.markham@univ.ox.ac.uk)   Message 2 in thread
Subject: Re: Custom Toolbar for Netscape Browser
Newsgroups: netscape.public.mozilla.general
Date: 2001-05-15 11:43:44 PST   View this article only

```
> I am attempting to write an application that sets up a custom toolbar
> for
> the netscape browser (in much the same way that google and yahoo have
> done).
> Is there an API that I can work with in order to find out how to start?

You need to write some XUL (netscape.public.mozilla.xpfe and
http://www.mozilla.org/xpfe/xulref) and then tie it up in an XPI
(netscape.public.mozilla.xpinstall).

> does anyone have any idea as to how I can find out more information on
> working with the Netscape brower (Navigator and/or Communicator).   I am
> sorry to bother this newsgroup, it's just that I haven't found any help
> anywhere else.

If you mean 4.x, you are in the wrong place. The above applies only to
Netscape 6 (for which you are still in the wrong place, but there it is.)

Gerv
```

All messages from thread

From: Ferrex (ferrex@k1ng.nu)
Subject: HOW THE HELL ????
Newsgroups: netscape.devs-plugins
Date: 2000/06/06

Message 1 in thread

View this article only

```
well i seen several posts about adding toolbars/menus etc .. on netscape in
this forum ,but the overall answer was allways ..look in some older msg's
etc..
i didnt #1 find old msg on deja.com or something ,#2 i didnt see any post
that helped out in anyway about this term and this is quite annoying ..
PLEASE netscape developers and others who probably know about this ..

is it possible to let the plugin add a toolbar or a menu in ANY way to the
netscape/IE gui ????????
i.e. like the yahoo companion ??

please do not post answers about doing it by dhtml or something in IE !
me and several others need to do this in netscape navigator aswell so
PLEASE do all us out there the favour and answer it this time .
maybe if this will be answered my trust in newsgroups is restored =/

sincerly yours ,

Ferrex
```

From: Jason Summers (jason@med-web.com)
Subject: Re: HOW THE HELL ????
Newsgroups: netscape.devs-plugins
Date: 2000/06/06

Message 2 in thread

View this article only

```
Ferrex wrote:
>
> well i seen several posts about adding toolbars/menus etc .. on netscape in
> this forum ,but the overall answer was allways ..look in some older msg's
> etc..
> i didnt #1 find old msg on deja.com or something ,#2 i didnt see any post
> that helped out in anyway about this term and this is quite annoying ..
> PLEASE netscape developers and others who probably know about this ..
>
> is it possible to let the plugin add a toolbar or a menu in ANY way to the
> netscape/IE gui ????????
> i.e. like the yahoo companion ??
>
> please do not post answers about doing it by dhtml or something in IE !
> me and several others need to do this in netscape navigator aswell so
> PLEASE do all us out there the favour and answer it this time .
> maybe if this will be answered my trust in newsgroups is restored =/


Someone once posted some sketchy information on how he thought Yahoo
Companion managed to get activated at browser startup, but no details on
how to add a toolbar to Navigator have been posted here.

Most likely, no one here knows how to do it, or is at liberty to tell.
Best guess is that it will take either some amazing hacking skill, or
```

information direct from Netscape that will require a special agreement
with them, or both. As far as I know, it is not documented publicly
anywhere.

http://developer.netscape.com/support/faqs/champions/client_tech.html#5-5

Even if you do manage to create a toolbar, there's no guarantee that it
will be feasible to do all the functions you want to do with it.

This response applies to Navigator 4.x only. Navigator 6 will be very
different.

--
Jason Summers
jason@med-web.com   http://home.mieweb.com/jason/

From: Ferrex (ferrex@k1ng.nu)   Message 3 in thread
Subject: Re: HOW THE HELL ????
Newsgroups: netscape.devs-plugins
Date: 2000/06/07   View this article only

Well i more and more come to the point to just delete the Navigator and
forget it ! Its depressing ,its that easy in IE ,you can use deskbands and
stuff like that to easily create toolbars and stuff like that ..and hacking
skills ,well its possible to change the gui of netscape for sure but this is
buggy like nothing else cause i think the netscape process is different in
every language/version/etc..
this really sucks ,i mean ..doesnt netscape wants to be marketleader or
something ?? so why the heck is it nearly impossible to do good plugins for
their browser ..damnit @#%& .

Jason Summers <jason@med-web.com> schrieb in im Newsbeitrag:
393D71A4.888020F6@med-web.com...
> Ferrex wrote:
> >
> > well i seen several posts about adding toolbars/menus etc .. on netscape in
> > this forum ,but the overall answer was allways ..look in some older msg's
> > etc..
> > i didnt #1 find old msg on deja.com or something ,#2 i didnt see any post
> > that helped out in anyway about this term and this is quite annoying ..
> > PLEASE netscape developers and others who probably know about this ..
> >
> > is it possible to let the plugin add a toolbar or a menu in ANY way to the
> > netscape/IE gui ????????
> > i.e. like the yahoo companion ??
> >
> > please do not post answers about doing it by dhtml or something in IE !
> > me and several others need to do this in netscape navigator aswell so
> > PLEASE do all us out there the favour and answer it this time .
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> information direct from Netscape that will require a special agreement
> with them, or both. As far as I know, it is not documented publicly
> anywhere.
>
> http://developer.netscape.com/support/faqs/champions/client_tech.html#5-5
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> Even if you do manage to create a toolbar, there's no guarantee that it
> will be feasible to do all the functions you want to do with it.
>
> This response applies to Navigator 4.x only. Navigator 6 will be very
> different.
>
> --
> Jason Summers
> jason@med-web.com   http://home.mieweb.com/jason/

Messages 1-10 from thread
From: surajdt@my-deja.com (surajdt@my-deja.com)
Subject: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/09/30

Message 1 in thread

View this article only

```
How to add toolbar like Yahoo companion in IE ?


Sent via Deja.com http://www.deja.com/
Before you buy.
```

From: Anthony Citrano (acitrano@maine.rr.com)
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/04

Message 2 in thread

View this article only

```
Is it possible to do an Explorer Bar or Tool Band in VB?

How?

/aac


<surajdt@my-deja.com> wrote in message news:7t0o01$oa5$1@nnrp1.deja.com...
> How to add toolbar like Yahoo companion in IE ?
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
```

From: surajt@usa.net (surajt@usa.net)
Subject: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/09/30

Message 3 in thread

View this article only

```
How to add toolbar like Yahoo companion in IE?


Sent via Deja.com http://www.deja.com/
Before you buy.
```

From: Yurong Lin (ylin@dial.pipex.com)
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01

Message 4 in thread

View this article only

```
Yahoo installs a BHO that attaches its toolbar to IE. The only question left
is how does it obtain the handle to the Rebar control in IE. I thought
IWebBrowser2 would provide a method or property for you to retrieve it, but
it does not. Anyone got an idea?
```

Yurong Lin

surajt@usa.net wrote in message <7t0o2cohe1@nnrp1.deja.com>...
>How to add toolbar like Yahoo companion in IE?
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

From: Hanyu Xiao (gghxiao@nospam.hotmail.com)   **Message 5 in thread**
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/09/30   **View this article only**

Yurong Lin <ylin@dial.pipex.com> wrote
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> Yurong Lin
>

In fact a custom toolbar in IE5 does NOT require a BHO. It is only a
reg setting that you need to specify. The rest is pretty much like
implementing an explorer bar. Search the MSDN for details.

To add a toolbar to IE4 is a different story. If you ask MS, they will
tell you it's not possible at all, so don't expect to find any methods
for that purpose in any of the interfaces that MS has provided.
However, it is doable after quite some hack. I don't want to get to
the detail here, but as Yurong has pointed out, you need to figure out
how to get to the handle of the rebar control.

In short, the easy way out is to implement the toolbar only for IE5.

Hanyu Xiao

From: Yurong Lin (yurongl@context.co.uk)   **Message 6 in thread**
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01   **View this article only**

Thanks, Hanyu.

>In fact a custom toolbar in IE5 does NOT require a BHO. It is only a
>reg setting that you need to specify. The rest is pretty much like
>implementing an explorer bar. Search the MSDN for details.

I have searched MSDN inside out but just can't find it. Any clue such
as its title, keywords or URL?

Yurong Lin

On Thu, 30 Sep 1999 18:56:45 -0700, "Hanyu Xiao"
<gghxiao@nospam.hotmail.com> wrote:

>
>Yurong Lin <ylin@dial.pipex.com> wrote
>> Yahoo installs a BHO that attaches its toolbar to IE. The only question left
>> is how does it obtain the handle to the Rebar control in IE. I thought
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>how to get to the handle of the rebar control.
>
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>Hanyu Xiao
>

From: Andrew Nosenko (captain@meadroid.com)   Message 7 in thread
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01   View this article only

Different ways to do this:
http://msdn.microsoft.com/workshop/Author/dhtml/howto/ShortcutIcon.asp
http://support.microsoft.com/support/kb/articles/Q182/0/34.ASP
http://technet.microsoft.com/cdonline/Content/Complete/Internet/Client/IE/technote
/tipsauth.htm

--
Regards,
Andrew Nosenko,
Senior Software Engineer
Mead & Company

Custom look & feel for browser windows:
http://www.meadroid.com/wpm/
MeadCo HTML printing article and samples on the MSDN:
http://msdn.microsoft.com/workshop/author/script/dhtmlprint.asp
Advanced HTML printing:
http://www.meadroid.com/scriptx/

"Yurong Lin" <yurongl@context.co.uk> wrote in message
news:37f49d8e.3593407@msnews.microsoft.com...
Thanks, Hanyu.

>In fact a custom toolbar in IE5 does NOT require a BHO. It is only a

>reg setting that you need to specify. The rest is pretty much like
>implementing an explorer bar. Search the MSDN for details.

I have searched MSDN inside out but just can't find it. Any clue such
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Yurong Lin

On Thu, 30 Sep 1999 18:56:45 -0700, "Hanyu Xiao"
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>
>Yurong Lin <ylin@dial.pipex.com> wrote
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>how to get to the handle of the rebar control.
>
>In short, the easy way out is to implement the toolbar only for IE5.
>
>Hanyu Xiao
>

From: Yurong Lin (ylin@dial.pipex.com)   Message 8 in thread
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01   View this article only

Thanks Andrew. But, unless I am missing something, the URLs you mentioned do
not seem to be relevant to the creation of tool band, they are about adding
shortcut icons to favorite URLs or URLs in address bar. I am looking for the
way to attach a tool band (or toolbar) to IE5, like the Yahoo Companion.

Thanks

Yurong Lin

Andrew Nosenko wrote in message <#At9V5AD$GA.296@cppssbbsa04>...
>Different ways to do this:
>http://msdn.microsoft.com/workshop/Author/dhtml/howto/ShortcutIcon.asp
>http://support.microsoft.com/support/kb/articles/Q182/0/34.ASP

>http://technet.microsoft.com/cdonline/Content/Complete/Internet/Client/IE/t echnote
>/tipsauth.htm
>
>--
>Regards,
>Andrew Nosenko,
>Senior Software Engineer
>Mead & Company
>
>Custom look & feel for browser windows:
>http://www.meadroid.com/wpm/
>MeadCo HTML printing article and samples on the MSDN:
>http://msdn.microsoft.com/workshop/author/script/dhtmlprint.asp
>Advanced HTML printing:
>http://www.meadroid.com/scriptx/
>
>"Yurong Lin" <yurongl@context.co.uk> wrote in message
>news:37f49d8e.3593407@msnews.microsoft.com...
>Thanks, Hanyu.
>
>>In fact a custom toolbar in IE5 does NOT require a BHO. It is only a
>>reg setting that you need to specify. The rest is pretty much like
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>as its title, keywords or URL?
>
>Yurong Lin
>
>
>
>On Thu, 30 Sep 1999 18:56:45 -0700, "Hanyu Xiao"
><gghxiao@nospam.hotmail.com> wrote:
>

Read the rest of this message... (34 more lines)

From: Anthony Citrano (acitrano@maine.rr.com)   Message 9 in thread
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/04   View this article only

These URL's are great if you want to quickly add yourself as a favorite, but
none of them address how to add a custom companion program like Yahoo!
Companion to IE. Very, very different tasks.

Anyone else??

/aac
===
Anthony Citrano
founder and president, BrainPaste.com, Inc.
VP, Camden Technology Conference (must attend - http://www.camcon.org)
Enough about me at http://www.citrano.com/Team/Anthony/anthony.htm

Andrew Nosenko <captain@meadroid.com> wrote in message

news:#At9V5AD$GA.296@cppssbbsa04...
> Different ways to do this:
> http://msdn.microsoft.com/workshop/Author/dhtml/howto/ShortcutIcon.asp
> http://support.microsoft.com/support/kb/articles/Q182/0/34.ASP
>
http://technet.microsoft.com/cdonline/Content/Complete/Internet/Client/IE/te
chnote
> /tipsauth.htm
>
> --
> Regards,
> Andrew Nosenko,
> Senior Software Engineer
> Mead & Company

From: Hanyu Xiao (gghxiao@nospam.hotmail.com)   Message 10 in thread
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01   View this article only

See http://msdn.microsoft.com/workshop/browser/ext/overview/bands.asp

Hanyu Xiao

Yurong Lin <yurongl@context.co.uk> wrote:
> Thanks, Hanyu.
>
> >In fact a custom toolbar in IE5 does NOT require a BHO. It is only a
> >reg setting that you need to specify. The rest is pretty much like
> >implementing an explorer bar. Search the MSDN for details.
>
> I have searched MSDN inside out but just can't find it. Any clue such
> as its title, keywords or URL?
>
> Yurong Lin

Next 4
Jump to [End of thread]

All messages from thread

From: Borland (inakshin@sprynet.com)
Subject: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi
Date: 1998/03/22

<div align="right">

Message 1 in thread

View this article only

</div>

```
If anyone is interested in testing D3 implementation of IE4 Band Objects,
let me know.
```

From: Thaddy de Koning (thaddy@cyco.nl)
Subject: Re: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi
Date: 1998/03/23

<div align="right">

Message 2 in thread

View this article only

</div>

```
I am...

Thaddy

Borland wrote in message <6f3j40$aul8@forums.borland.com>...
>If anyone is interested in testing D3 implementation of IE4 Band Objects,
>let me know.
>
>
```

From: Jeff Rafter (jeffrafter@earthlink.net)
Subject: Re: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi
Date: 1998/03/23

<div align="right">

Message 3 in thread

View this article only

</div>

```
Interested,

Jeff Rafter, Realsoft Development
http://www.realsoftdev.com
```

From: Raymond Naseef (rnaseef@rci.rutgers.edu)
Subject: Re: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi
Date: 1998/03/23

<div align="right">

Message 4 in thread

View this article only

</div>

```
Would you mind changing you display name?

Borland wrote:

> If anyone is interested in testing D3 implementation of IE4 Band Objects,
> let me know.
```

From: G.P.Carvalho (genio@twics.com)
Subject: Re: IE4 Band Objects

<div align="right">

Message 5 in thread

</div>

Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi   View this article only
Date: 1998/03/25

```
ADD-ME TOO
G.P.Carvalho - JAPAN

Borland escreveu na mensagem <6f3j40$aul8@forums.borland.com>...
>If anyone is interested in testing D3 implementation of IE4 Band Objects,
>let me know.
>
>
```

From: Arjen Wiersma (wierfin@tref.nl)   Message 6 in thread
Subject: Re: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi   View this article only
Date: 1998/03/26

```
add me to the list too :)


Borland wrote in message <6f3j40$aul8@forums.borland.com>...
>If anyone is interested in testing D3 implementation of IE4 Band Objects,
>let me know.
>
>
```

From: Marian Maier (Maier@home.ivm.de)   Message 7 in thread
Subject: Re: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi   View this article only
Date: 1998/03/27

```
Hi,

>If anyone is interested in testing D3 implementation of IE4 Band Objects,

What are IE4 Band Objects?

Ciao, MM
--
Fon: +49 228 624013 Fax: +49 228 624031
"Was schiefgehen kann, geht auch schief."
```

From: Rudy Velthuis (rvelthuis@cww.de)   Message 8 in thread
Subject: Re: IE4 Band Objects
Newsgroups: borland.public.delphi.activex.controls.writing,
borland.public.delphi.oleautomation, borland.public.delphi.winapi   View this article only
Date: 1998/04/02

```
Marian Maier schrieb in Nachricht <351b83da.7076258@news.ivm.de>...
>Hi,
>
```

>>If anyone is interested in testing D3 implementation of IE4 Band Objects,
>
>What are IE4 Band Objects?

Microsoft Internet Explorer 4.0 allows an application to define and
create bands that are displayed within the shell and the browser.

Internet Explorer 4.0 currently supports three different types of band
objects: Desk Bands, Explorer Bands, and Communication Bands. Each
type of band serves a different purpose. The following sections
describe these different band types and their capabilities.

Desk Bands are band objects that are displayed as a band in the shell
taskbar or as a floating tool window on the desktop. Desk Bands are
used to display information and to receive input from the user. They
are available to the user throughout the entire Microsoft Windows
session. Desk Bands are supported in shell versions 4.71 and later.

Explorer Bands are band objects that are displayed in a browser
window. They usually contain information or supply tools that are
helpful to the user while using the browser. These bands are displayed
to the left of the current view and normally receive user input that
results in some action being performed. Explorer Bands are supported
in browser versions 4.71 and later.

Communication Bands are band objects that are displayed in a browser
window. This can be a Windows Explorer window or an Internet Explorer
4.0 browser window. Communication Bands are normally used to relay
information to the user. These bands are displayed below the current
view and don't usually accept user input. Communication Bands are
supported in browser versions 4.71 and later.

Messages 11-14 from thread

Jump to [Start of thread]

From: Yurong Lin (ylin@dial.pipex.com)   Message 11 in thread
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01   View this article only

If fact I have read over that article a number of times, it does talks about
a lot about other band objects such as explorer bar, but nothing about tool
band apart from the text below:

"A tool band is a band object that was introduced with Internet Explorer 5
to support the Microsoft® Windows® radio toolbar feature. This feature
provides a way to put a window on a band contained by the rebar control
that holds Internet Explorer's toolbars"

"Users display the radio toolbar by selecting it from the Toolbars submenu
of the View menu or from the context menu that is displayed by
right-clicking the toolbar area."

There isn't even a CATID for the tool band.

Am I missing something?

Yurong Lin

Hanyu Xiao wrote in message ...
>See http://msdn.microsoft.com/workshop/browser/ext/overview/bands.asp
>
>Hanyu Xiao
>
>Yurong Lin <yurongl@context.co.uk> wrote:
>> Thanks, Hanyu.
>>
>> >In fact a custom toolbar in IE5 does NOT require a BHO. It is only a
>> >reg setting that you need to specify. The rest is pretty much like
>> >implementing an explorer bar. Search the MSDN for details.
>>
>> I have searched MSDN inside out but just can't find it. Any clue such
>> as its title, keywords or URL?
>>
>> Yurong Lin
>
>

From: Hanyu Xiao (gghxiao@nospam.hotmail.com)   Message 12 in thread
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/01   View this article only

To rephrase what I said in my first post to this thread, a tool band
is essentially an explorer bar plus a reg setting. You'd implement the

tool band as if it was an explorer bar. Then you put in the reg
setting as specified in that MS article, and the explorer bar of yours
will automatically show up as a toolbar. You may need to remove the
CATID for this tool band so that it doesn't show up as an explorer bar
at the same time.

Hanyu Xiao

From: raposa@iharvest.com (raposa@iharvest.com)   **Message 13 in thread**
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/05   **View this article only**

Adding a tool band a la Yahoo companion is definitely not easy. I've
managed to add a toolbar button to IE4 by using a browser helper object
and then "hacking" into the rebar control (getting a handle to it is
actually fairly easy - just run Spy++ and check out the window
heirarchy and then enumerate through the windows matching on the class
until you find the right one). If you download iHarvest One
(www.iharvest.com) and use it with IE4, you'll see this button. For
IE5, it's easier to use the registry.

Adding a band, however, is harder because IE does all kinds of tricks
with maintaining the state of the rebar. I'm not even going to attempt
it for IE4. Adding the band with IE5 is fairly straightfoward if you
follow the instructions on their MSDN article.

However, I did run into one problem - my tool band is named "Radio" in
the context menu. (So I actually have 2 instances of Radio now in the
menu). The name shows up fine in the band, but I must be missing
something. I've got the name in the registry and in the code. Has
anyone run into this?

Thanks
-Scott

Sent via Deja.com http://www.deja.com/
Before you buy.

From: Darron Devlin (MarshalLaw@worldnet.att.net)   **Message 14 in thread**
Subject: Re: How to add toolbar like Yahoo companion in IE
Newsgroups: microsoft.public.inetsdk.programming.webbrowser_ctl
Date: 1999/10/07   **View this article only**

>
> However, I did run into one problem - my tool band is named "Radio" in
> the context menu. (So I actually have 2 instances of Radio now in the
> menu). The name shows up fine in the band, but I must be missing
> something. I've got the name in the registry and in the code. Has
> anyone run into this?
>

Its a known bug. There is a KB article describing it. I don't remember
the KB number off hand, try searching for "Tool band" or "Radio" and
you should get it.

Prev 10
Jump to [Start of thread]

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All messages from thread

From: Zachary Turner (zturner@bindview.com)   Message 1 in thread
Subject: Plugins for IE
Newsgroups: microsoft.public.inetexplorer.ie4.activex_contrl,
microsoft.public.windows.inetexplorer.ie5.add_ons,   View this article only
microsoft.public.windows.inetexplorer.ie5.programming.activexcontrol
Date: 2000-09-30 13:36:00 PST

```
Does anyone know how I can develop a plugin for Internet Explorer?  Any
links to MSDN topics would be grateful.

Thanks,
Zachary Turner
```

From: Dan Mohr \(MS\) (danmohr-nospam@microsoft.com)   Message 2 in thread
Subject: Re: Plugins for IE
Newsgroups: microsoft.public.inetexplorer.ie4.activex_contrl,
microsoft.public.windows.inetexplorer.ie5.add_ons,   View this article only
microsoft.public.windows.inetexplorer.ie5.programming.activexcontrol
Date: 2000-10-05 15:12:27 PST

```
Developing a plugin for IE is bsically just like developing a plugin for
Netscape.  The main caveat is that IE has limited support for Netscape's
Plgun API:

http://support.microsoft.com/support/kb/articles/q166/6/94.asp

To get started, download the Netscape Plugin SDK for Windows:

http://home.netscape.com/comprod/development_partners/plugin_api/index.html

There's a sample called WinTemplate that is basically a skeleton plugin
project for Visual C++.  It's a great starting point.

Hope this helps,


--
Dan Mohr
Microsoft Developer Support
Internet Client Development


"Zachary Turner" <zturner@bindview.com> wrote in message
news:GErB5.34257$3y3.590918@typhoon.austin.rr.com...
> Does anyone know how I can develop a plugin for Internet Explorer?  Any
> links to MSDN topics would be grateful.
>
> Thanks,
> Zachary Turner
>
>
```

All messages from thread

From: <u>Lionel Schieper</u> (<u>Lionel.Schiepers@advalvas.be</u>)   Message 1 in thread
Subject: Toolbar like IE4
Newsgroups: <u>microsoft.public.vc.mfc</u>
Date: 1998/04/23   <u>View this article only</u>

```
With the technology preview for VisualC++ 5, is there any way to have
toolbar like IE4 and not rebar like IE3.
Does someone have example?
I have tried some code from www.codeguru.com but all i have is rebar. (it
use CToolBar class)

Lionel Schiepers ( Lionel.Schiepers@advalvas.be )
Student at HEPL Rennequin Sualem in computer science
In.Pr.E.S Seraing (belgium)
```

From: <u>Sérgio Lopes</u> (<u>sergio.lopes@mail.telepac.pt</u>)   Message 2 in thread
Subject: Re: Toolbar like IE4
Newsgroups: <u>microsoft.public.vc.mfc</u>
Date: 1998/04/23   <u>View this article only</u>

```
On Thu, 23 Apr 1998 13:52:28 +0100, "Lionel Schieper"
<Lionel.Schiepers@advalvas.be> wrote:

>With the technology preview for VisualC++ 5, is there any way to have
>toolbar like IE4 and not rebar like IE3.
>Does someone have example?
>I have tried some code from www.codeguru.com but all i have is rebar. (it
>use CToolBar class)

The technology preview installs a sample of an IE4 style
minibrowser... check it out at :

 \Program Files\DevStudio\preview\vc\samples\mfcie

bye,
 Sérgio Lopes
 MCSD
 sergio.lopes@mail.telepac.pt
```

From: <u>Charles Steinhardt</u> (<u>Csteinhardt@omg-inc.COM</u>)   Message 3 in thread
Subject: Re: Toolbar like IE4
Newsgroups: <u>microsoft.public.vc.mfc</u>
Date: 1998/04/23   <u>View this article only</u>

```
Take a look at the MSDN under:

The Rebar Control: Using a Coolbar in Your Application
Nancy Winnick Cluts
Developer Technology Engineer
Microsoft Corporation

October 1996
Updated June 24, 1997
```

Contents
What Is a Coolbar?
Creating a Coolbar
Messages and Notifications
Summary

Abstract
One of the controls created for Internet Explorer 3.0 is the Rebar
control. It is most commonly known, however, as the coolbar. A coolbar
contains child windows such as toolbars, combo boxes, and bitmaps, and
manages the size and position of the child windows it contains. Once
you create the child windows and assign them to the coolbar, the child
windows are displayed in it. This article demonstrates how to create
and use a coolbar. The sample that accompanies this article,
creatively named "Rebar," was written using Microsoft® Visual C++®
version 4.2, the Win32® Software Development Kit (SDK), and the
ActiveX™ SDK for Internet Explorer 3.x. If you are going to use the
coolbar in an application targeted to Internet Explorer 4.0, use the
Internet Client SDK (INet SDK) instead of the ActiveX SDK.

Charles Steinhardt [MVP]

From: Daniel Weber (sysdev@gmx.net)   Message 4 in thread
Subject: Re: Toolbar like IE4
Newsgroups: microsoft.public.vc.mfc
Date: 1998/04/23   View this article only

Lionel Schieper wrote in message ...
>With the technology preview for VisualC++ 5, is there any way to have
>toolbar like IE4 and not rebar like IE3.
The IE3 and IE4 Toolbars are the same. Both are ReBarWindow32-Controls. Only
the gripper has been changed!

Need a web-solution?
Visit the WebFX-site!

Daniel Weber
sysdev@gmx.net
http://wfx.home.ml.org

Messages 1-10 from thread

From: <u>James Tinkess</u> (<u>jamest@sympatico.ca</u>)   Message 1 in thread
Subject: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: <u>netscape.devs-plugins</u>
Date: 2000/01/12   <u>View this article only</u>

```
Whats the general consensus on YCompanion. Its tight integration with
the browser and the fact that no other portal offers one quite like it
leads to believe that there is more going on?

Can anyone enlighten me on this, I would like to create a custom toolbar
as well


regards,
James .
```

From: <u>Daniel Vernon</u> (<u>dvernon@emediat.com</u>)   Message 2 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: <u>netscape.devs-plugins</u>
Date: 2000/01/13   <u>View this article only</u>

```
Man... 11/3/99, there was posting by someone who claimed to know how
companion worked. He even offered to explain it to me if I was interested,
but I never replied. If you had come here 10 days ago you would have seen
the posting. Anyway, I will search my inbox and see if the newsgroup sent me
a copy of his reply.

James Tinkess wrote:

> Whats the general consensus on YCompanion. Its tight integration with
> the browser and the fact that no other portal offers one quite like it
> leads to believe that there is more going on?
>
> Can anyone enlighten me on this, I would like to create a custom toolbar
> as well
>
> regards,
> James
```

From: <u>James Tinkess</u> (<u>jamest@sympatico.ca</u>)   Message 3 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: <u>netscape.devs-plugins</u>
Date: 2000/01/13   <u>View this article only</u>

```
Any pointers would be greatly appreciated. I have really scoured the search
engines and have gotten very little info.

thanks,
james


Daniel Vernon wrote:

> Man... 11/3/99, there was posting by someone who claimed to know how
> companion worked. He even offered to explain it to me if I was interested,
```

> but I never replied. If you had come here 10 days ago you would have seen
> the posting. Anyway, I will search my inbox and see if the newsgroup sent me
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>
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> >
> > Can anyone enlighten me on this, I would like to create a custom toolbar
> > as well
> >
> > regards,
> > James

From: Sundar Jayabose (sjayabose@agency.com)   Message 4 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: netscape.devs-plugins
Date: 2000/01/13   View this article only

Same here. I'd like to hear anyone's thoughts on how that Yahoo Companion is
done!

James Tinkess wrote:

> Whats the general consensus on YCompanion. Its tight integration with
> the browser and the fact that no other portal offers one quite like it
> leads to believe that there is more going on?
>
> Can anyone enlighten me on this, I would like to create a custom toolbar
> as well
>
> regards,
> James

From: Vaughan Knight (vaughan@reason.com.au)   Message 5 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: netscape.devs-plugins
Date: 2000/01/18   View this article only

ok,

it's a deal with netscape. there's a fair bit of i'll scratch your back,
you scratch mine going on.

firstly, YC is a plugin that associates itself with the netscape default
mime-type. so that's EVERY mime type. therefore, you load up a html page,
a *.swf page, a *.avi file, and it loads. it doesn't touch the files, and
if need be, the appropriate plugin for that file loads and takes care of it.

this way, it appears to be perminently there. how it gets itself onto the
toolbar is where yahoo and netscape start exchanging funds. rumour is that
yahoo got some inside development info for a price.

so, your can either be very lucky, or you can pay netscape the funds to have
them supply the code.

i've given up on toolbars, it's all up hill.

Vaughan

James Tinkess wrote:

> Whats the general consensus on YCompanion. Its tight integration with
> the browser and the fact that no other portal offers one quite like it
> leads to believe that there is more going on?
>
> Can anyone enlighten me on this, I would like to create a custom toolbar
> as well
>
> regards,
> James

From: James Tinkess (jamest@sympatico.ca)   Message 6 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: netscape.devs-plugins
Date: 2000/01/18   **View this article only**

Thanks for the info, doesnt look like its going to be an "off the shelf" job:-(

Vaughan Knight wrote:

> ok,
>
> it's a deal with netscape. there's a fair bit of i'll scratch your back,
> you scratch mine going on.
>
> firstly, YC is a plugin that associates itself with the netscape default
> mime-type. so that's EVERY mime type. therefore, you load up a html page,
> a *.swf page, a *.avi file, and it loads. it doesn't touch the files, and
> if need be, the appropriate plugin for that file loads and takes care of it.
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> this way, it appears to be perminently there. how it gets itself onto the
> toolbar is where yahoo and netscape start exchanging funds. rumour is that
> yahoo got some inside development info for a price.
>
> so, your can either be very lucky, or you can pay netscape the funds to have
> them supply the code.
>
> i've given up on toolbars, it's all up hill.
>
> Vaughan
>
> James Tinkess wrote:
>
> > Whats the general consensus on YCompanion. Its tight integration with
> > the browser and the fact that no other portal offers one quite like it
> > leads to believe that there is more going on?
> >
> > Can anyone enlighten me on this, I would like to create a custom toolbar
> > as well
> >
> > regards,
> > James

From: Marc Hansen (mhansen@engr.sgi.com)   Message 7 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: netscape.devs-plugins
Date: 2000/02/08   View this article only

```
check out http://www.jcsoft.com/
They've created a plugin (jc_activedoc) that embeds a document from an
active document server full page in netscape.  The toolbar(s) from the
server show up too.  Unfortunately, they don't do menu merging.

So it seems like it's possible.

here's a posting from netscape.plugins that also mentions toolbars
(the subject was "Plugin-in Menus"):

Eric wrote in message <389CD64B.DDED820B@noonetime.com>...
>Hi,
>I would like to create a plugin with a menu, does anybody know where
>there is good documentation on this or can anybody give me some example
>code?  Anything would be greatly appreciated.  I have gone through
>Netscapes documentation and have not been able to find what I am looking
>for.
>
>Thanks in advance, I would greatly appreciate anything that would be
>helpful.
>Eric
>


You can use normal menus as well as the popup ones in your plugin both have
a simple solution.
If you are in Windows, then First you subclass the Netscape window (client)
with your own window
which will have the menu.Specify it in the WNDCLASS structure. and register
the Window. for the
popup menus you can respond to WM_CONTEXTMENU message with TrackPopupMenuEx.
If you are using MFC then Subclass the Window using CFrameWnd with parent
window as the subclassed window
With this window you can put Menus as wel as toolbar etc in your plugin

Best of Luck
Bhushan


James Tinkess wrote:
>
> Whats the general consensus on YCompanion. Its tight integration with
> the browser and the fact that no other portal offers one quite like it
> leads to believe that there is more going on?
>
> Can anyone enlighten me on this, I would like to create a custom toolbar
> as well
>
> regards,
> James
--
Marc Hansen | Silicon Graphics | MineSet Data Mining & Visualization
 mhansen@engr.sgi.com | 650.933.4806 | http://www.mineset.sgi.com
```

From: <u>Alex Cohn</u> (<u>alexcohn@netvision.net.il</u>)   Message 8 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: <u>netscape.devs-plugins</u>
Date: 2000/02/09   <u>View this article only</u>

```
It's no big deal to show toolbars in the plugion window. The trick of Yahoo
Comanion is that it seems to be a plugin that gets loaded when Netscape is
launched (no matter what URL it points to) and stays active no matter where the
user surfs. And its additional toolbar is just one of the Netscape toolbars,
with the same look-and-feel.

Alex

Marc Hansen wrote:

> check out http://www.jcsoft.com/
> They've created a plugin (jc_activedoc) that embeds a document from an
> active document server full page in netscape.  The toolbar(s) from the
> server show up too.  Unfortunately, they don't do menu merging.
>
> So it seems like it's possible.
```

From: <u>DJ Vernon</u> (<u>dvernon@emediat.com</u>)   Message 9 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: <u>netscape.devs-plugins</u>
Date: 2000/02/23   <u>View this article only</u>

```
James Tinkess wrote:

> Whats the general consensus on YCompanion. Its tight integration with
> the browser and the fact that no other portal offers one quite like it
> leads to believe that there is more going on?
>
> Can anyone enlighten me on this, I would like to create a custom toolbar
> as well
>
> regards,
> James

I was thinking about this and then a possibility came to mind. As it turns
out, any process can write display info to any window handle if you know
the window id. For example, the plugin I designed basically spawns a
seperate app and passes the window handle to the app as a command line
parameter. Then I am able to draw to the canvas inside netscape from a
seperate process. When I do this and the plugin is destroyed, the process
will keep running (unless I tell it to close in the plugin destructor...
which I do).

So, with this in mind, I was thinking about the Unix command XTree... (or
something like that). XTree allows you to search for a windows siblings and
parent. As it turns out, a plugin canvas in Linux is about the 11th
ancestor of the root window. In theory, if you back traced enough, you
could get the window handle of the netscape HTML display canvas... and the
HTML display canvases immediat parent. What would stop you from resizing
the display window? Or even adding a new window to the displaced area? Mind
you, this is all theoretical. But, I could resize netscapes window to make
roo for my "ToolBar"... create a new child window in the toolbar area and
```

pass that to a seperate process. Then, even if the plugin gets destroyed, the seperate process keeps running and displaying to the window I created.

If the seperate application was DDE enabled, this might explain how it tells netscape to go to urls when you press on certain buttons.

Just a thought.

From: John Martin (jmartin@reason.com.au)   Message 10 in thread
Subject: Re: Whats the deal with Yahoo Companion? Standard plugin API or not?
Newsgroups: netscape.devs-plugins
Date: 2000/02/27   View this article only

> So, with this in mind, I was thinking about the Unix command
> XTree... (or something like that). XTree allows you to search
> for a windows siblings and parent. As it turns out, a plugin
> canvas in Linux is about the 11th ancestor of the root
> window. In theory, if you back traced enough, you could get
> the window handle of the netscape HTML display canvas... and
> the HTML display canvases immediat parent. What would stop
> you from resizing the display window? Or even adding a new
> window to the displaced area? Mind you, this is all
> theoretical. But, I could resize netscapes window to make roo
> for my "ToolBar"... create a new child window in the toolbar
> area and pass that to a seperate process. Then, even if the
> plugin gets destroyed, the seperate process keeps running and
> displaying to the window I created.
>
> If the seperate application was DDE enabled, this might explain how it
> tells netscape to go to urls when you press on certain buttons.

That's absolutely correct. Under Windows you can 'hijack' pretty much any window and write to it. You can also intercept messages to react to events. But because of the insertion of a registry key under a Netscape's registry area, I doubt this is what they're doing.

The other piece of software that Vaughan was referring to was ThirdVoice (www.thirdvoice.com). They have just released a Netscape version of their software. They do a similar thing to Yahoo, but they start painting in the actual rendering area. Now, I can't be 100% sure, but I think they're using the Yahoo hack. I *think* I saw something about 'Loading Yahoo ...' in the splash screen when Netscape starts up. Has anybody else noticed this?

John.